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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=10; day=7; hr=14; min=3; sec=18; ms=180;]

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Application No: 10558937 Version No: 2.0

Input Set:

Output Set:

Started: 2009-09-23 18:00:23.391
Finished: 2009-09-23 18:00:25.477
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 86 ms
Total Warnings: 14
Total Errors: 0
No. of SeqIDs Defined: 19
Actual SeqID Count: 19

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W 402	Undefined organism found in <213> in SEQ ID (5)
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W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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<110> Nunn, Miles Andrew

<120> Complement Inhibitors

<130> 2488-1-012PCT/US

<140> 10558937

<141> 2007-01-29

<150> PCT/GB2004/002341

<151> 2004-06-02

<150> GB0327386.9

<151> 2003-11-25

<150> GB0312619.0

<151> 2003-06-02

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<213> Ornithodoros moubata

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ccagccggag aaaagcagga caacacgttg ccggtgatga tgacgtttaa gaatggcaca 240
gactgggctt caaccgattg gacgtttact ttggacggcg caaaggtaac ggcaaccctt 300
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gacaaggtcg agaaggaagt tccagattat gagatgtgga tgctcgatgc gggagggtt 420
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<213> Ornithodoros moubata

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Phe Gln Ala Phe Ser Glu Gly Lys Glu Ala Tyr Val Leu Val Arg Ser
          35          40          45
Thr Asp Pro Lys Ala Arg Asp Cys Leu Lys Gly Glu Pro Ala Gly Glu
 50          55          60
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Lys Gln Asp Asn Thr Leu Pro Val Met Met Thr Phe Lys Asn Gly Thr
 65 70 75 80
 Asp Trp Ala Ser Thr Asp Trp Thr Phe Thr Leu Asp Gly Ala Lys Val
 85 90 95
 Thr Ala Thr Leu Gly Asn Leu Thr Gln Asn Arg Glu Val Val Tyr Asp
 100 105 110
 Ser Gln Ser His His Cys His Val Asp Lys Val Glu Lys Glu Val Pro
 115 120 125
 Asp Tyr Glu Met Trp Met Leu Asp Ala Gly Gly Leu Glu Val Glu Val
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<210> 3

<211> 163

<212> PRT

<213> Ornithodoros savignyi

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 20 25 30
 Phe Asn Glu Gly Lys Gly Ala Tyr Ile Leu Val Arg Ser Thr Asn Leu
 35 40 45
 Asn Ala Arg Asp Cys Leu Lys Gly Glu Ala Thr Gly Lys Lys Glu Gly
 50 55 60
 Asn Thr Leu Pro Val Met Met Ala Phe Lys Asp Glu Gly Lys Trp Val
 65 70 75 80
 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
 85 90 95
 His Gly Gln Arg Thr Leu Lys Gly Glu Val Val Tyr Asp Val Pro Ser
 100 105 110
 His His Cys His Ile Glu Lys Leu Glu Ser Gly Ala Tyr Asp Met Trp
 115 120 125
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 130 135 140
 Arg Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145 150 155 160
 Lys Asp Cys

<210> 4

<211> 163

<212> PRT

<213> Ornithodoros savignyi

<400> 4

Met Met Leu Val Leu Ala Thr Val Ile Leu Ser Phe Ser Ala Ser Thr
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 20 25 30
 Phe Asn Glu Gly Gln Gly Ala Tyr Ile Leu Val Lys Ser Thr Asp Leu

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Asn Lys Val Pro Val Met Met Ala Phe Lys Asn Glu Gly Gln Trp Val		
65	70	75
Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr		
85	90	95
Asp Gly Gln Arg Thr Leu Lys Arg Glu Val Val Tyr Asp Val Ala Ser		
100	105	110
His His Cys His Val Glu Lys Leu Ala Ser Gly Ala Tyr Glu Met Trp		
115	120	125
Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys		
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Lys Asp Cys		160

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20 25 30
Lys Ala Phe Lys Asp Gly Ala Gly Thr Phe Leu Leu Gln Lys Ser Thr
35 40 45
Asp Pro Gln Ala Arg Asp Cys Leu Lys Gly Thr Pro Asn Gly Asn Arg
50 55 60
Asp Gly Asn Thr Leu Pro Val Thr Met Thr Tyr Lys Asp Asp Ser Lys
65 70 75 80
Trp Val Ser Leu Asn Trp Met Phe Thr Leu Glu Gly Ala Asn Ile Val
85 90 95
Ala Thr Leu Glu Gly Lys Arg Lys Gln Arg Gly Glu Leu Val Tyr Asp
100 105 110
Val Gln Ser His Asp Cys His Ile Thr Lys Leu Ser Ser Gly Val Tyr
115 120 125
Gln Gln Trp Gln Ser Asn Gly Ser Ala Asp Asp Lys Asp Ile Lys Cys
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Tyr Ala Asp Ser Glu Ser Asp Cys Ser Gly Ser Glu Pro Val Asp Ala
 20 25 30
 Phe Gln Ala Phe Ser Glu Gly Lys Glu Ala Tyr Val Leu Val Arg Ser
 35 40 45
 Thr Asp Pro Lys Ala Arg Asp Cys Leu Lys Gly Glu Pro Ala Gly Glu
 50 55 60
 Lys Gln Asp Asn Thr Leu Pro Val Met Met Thr Phe Lys Asn Gly Thr
 65 70 75 80
 Asp Trp Ala Ser Thr Asp Trp Thr Phe Thr Leu Asp Gly Ala Lys Val
 85 90 95
 Thr Ala Thr Leu Gly Asn Leu Thr Gln Asn Arg Glu Val Val Tyr Asp
 100 105 110
 Ser Gln Ser His His Cys His Val Asp Lys Val Glu Lys Glu Val Pro
 115 120 125
 Asp Tyr Glu Met Trp Met Leu Asp Ala Gly Gly Leu Glu Val Glu Val
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 145 150 155 160
 Met Tyr Pro His Leu Lys Asp Cys
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 <211> 163
 <212> PRT
 <213> Ornithodoros savignyi

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 20 25 30
 Phe Asn Glu Gly Lys Gly Ala Tyr Ile Leu Val Arg Ser Thr Asn Leu
 35 40 45
 Asn Ala Arg Asp Cys Leu Lys Gly Glu Ala Thr Gly Lys Lys Glu Gly
 50 55 60
 Asn Thr Leu Pro Val Met Met Ala Phe Lys Asp Glu Gly Lys Trp Val
 65 70 75 80
 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
 85 90 95
 His Gly Gln Arg Thr Leu Lys Gly Glu Val Val Tyr Asp Val Pro Ser
 100 105 110
 His His Cys His Ile Glu Lys Leu Glu Ser Gly Ala Tyr Asp Met Trp
 115 120 125
 Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
 130 135 140
 Arg Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145 150 155 160
 Lys Asp Cys

<210> 8
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 <212> PRT
 <213> Ornithodoros savignyi

<400> 8

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 20           25           30
Phe Asn Glu Gly Gln Gly Ala Tyr Ile Leu Val Lys Ser Thr Asp Leu
 35           40           45
Asp Ala Arg Asp Cys Leu Lys Gly Ser Ala Thr Gly Lys Lys Glu Gly
 50           55           60
Asn Lys Val Pro Val Met Met Ala Phe Lys Asn Glu Gly Gln Trp Val
 65           70           75           80
Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
 85           90           95
Asp Gly Gln Arg Thr Leu Lys Arg Glu Val Val Tyr Asp Val Ala Ser
 100          105          110
His His Cys His Val Glu Lys Leu Ala Ser Gly Ala Tyr Glu Met Trp
 115          120          125
Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
 130          135          140
Lys Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145          150          155          160
Lys Asp Cys
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<210> 9

<211> 171

<212> PRT

<213> Ornithodoros moubata

<400> 9

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Ala Tyr Ala Gln Ser Gly Cys Ser Val Ser Asp Pro Leu Asp Ala Leu
 20           25           30
Lys Ala Phe Lys Asp Gly Ala Gly Thr Phe Leu Leu Gln Lys Ser Thr
 35           40           45
Asp Pro Gln Ala Arg Asp Cys Leu Lys Gly Thr Pro Asn Gly Asn Arg
 50           55           60
Asp Gly Asn Thr Leu Pro Val Thr Met Thr Tyr Lys Asp Asp Ser Lys
 65           70           75           80
Trp Val Ser Leu Asn Trp Met Phe Thr Leu Glu Gly Ala Asn Ile Val
 85           90           95
Ala Thr Leu Glu Gly Lys Arg Lys Gln Arg Gly Glu Leu Val Tyr Asp
 100          105          110
Val Gln Ser His Asp Cys His Ile Thr Lys Leu Ser Ser Gly Val Tyr
 115          120          125
Gln Gln Trp Gln Ser Asn Gly Ser Ala Asp Asp Lys Asp Ile Lys Cys
 130          135          140
Cys Asp Glu Lys Phe Lys Glu Leu Thr Ser Gly Ile Asp Tyr Thr Lys
 145          150          155          160
Pro Gln Glu Lys Gly Cys Glu Thr Ser Ala Lys
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 <220>
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 <222> (12)...(12)
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<220>
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<400> 13
gggaggcttt ctgtatcc 18

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<220>
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<400> 14
cgtccaatcg gttgaag 17

<210> 15
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<400> 15
gactcgcaaa gtcatac 18

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<220>
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